Appl. No. 09/967,010
Amdt. sent June 26, 2006
Amendment under 37 CFR 1.116 Expedited Procedure
Examining Group 2145

PATENT

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1-11.　(Canceled)

1　　　　12.　　(Currently amended):　A method for creating an integrated user interface,
2　the method executed by processing apparatus connected via a communication network to a client
3　and more than one server, the method comprising:
4　　　　　　preparing user interface information including server definition information
5　defining a plurality of servers for providing user interface information regarding multiple user
6　interfaces to the client, and including copy data information for copying common data;
7　　　　　　upon a request from the client, requesting information from each of the servers
8　providing the user interface information;
9　　　　　　assigning a copy function for copying common data from the user interface
10　information transferred from one of the plurality of servers to others of the user interface
11　information from other servers to thereby create an integrated user interface as a single integrated
12　page consisting of the user interface information from the servers and the integrated user
13　interface having copy function the common data; and
14　　　　　　transmitting the integrated user interfaces having the copy function and the
15　common data to the client so as to display the integrated user interface having the common data.

1　　　　13.　　(Currently amended):　A user interface integration apparatus connected to
2　a client and a plurality of servers, the apparatus comprising:
3　　　　　　means for preparing user interface information including server definition
4　information defining a plurality of servers for providing user interface information regarding
5　multiple user interfaces to the client, and including copy data information for copying common
6　data;

7   means for upon a request from the client, requesting information from each of the

8   servers providing the user interface information;

9   means for assigning a copy function for copying common data from the user

10   interface information transferred from one of the plurality of servers to others of the user

11   interface information from other servers to thereby create an integrated user interface as a single

12   integrated page consisting of the user interface information from the servers and the integrated

13   user interface having the copy function the common data; and

14   means for transmitting the integrated user interfaces having the copy function and

15   the common data to the client so as to display the integrated user interface having the common

16   data.

1   14.   (Currently amended): A computer program product storable on computer

2   readable storage media, the program product containing a program for executing a user interface

3   integration method performed by processing apparatus, the method comprising:

4   preparing user interface information including server definition information

5   defining a plurality of servers, each server for providing user interface information to the client,

6   and providing copy data information for copying common data among the user interface

7   information;

8   upon a request from the client, requesting information from each of the servers

9   providing the user interface information;

10   assigning a copy function for copying common data from the user interface

11   information transferred from one of the plurality of servers to others of the user interface

12   information from other servers to thereby create an integrated user interface as a single integrated

13   page consisting the user interfaces having the copy function and the common data copied among

14   the user interface information; and

15   transmitting the integrated user interfaces having the copy function and the

16   common data to the client so as to display the integrated user interface having the common data.

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1   15.   (Previously presented): A page creation method executed by a processing

2   apparatus coupled to a WWW browser and a plurality of application servers via a

3   communication network, the method comprising:

4   preparing an integrated page creation script describing a procedure for creating an

5   integrated page which page integrates a plurality of pages provided by the plurality of servers

6   into a single page;

7   upon a request from the browser, requesting, according to the integrated page

8   script, each of the servers providing pages constituting the integrated page, to provide their

9   pages;

10   according to information of the integrated page assigning a copy function to each

11   of the pages transferred from the respective servers and creating an integrated page which

12   integrates the pages having such copy functions into a single page; and

13   transmitting the integrated page to the browser so as to display the integrated page

14   on the browser.

1   16.   (Previously presented): A method as in claim 12 wherein the client

2   comprises a WWW browser, the plurality of servers comprise WWW application servers, the

3   user interfaces provided by the respective servers comprise pages provided by the WWW

4   application servers, and the integrated user interface comprises an integrated page which

5   integrates the pages from the servers.

1   17.   (Previously presented): A method as in claim 16 wherein the processing

2   apparatus, the WWW browser, and the servers are interconnected by a local area network.

1   18.   (Previously presented): A method as in claim 12 wherein the copy data

2   information includes an "OUT" type indicating common data of a user interface as a copy source

3   and an "IN" type indicating common data of a user interface as a copy destination.

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1   19.   (Previously presented): A method as in claim 18 wherein the copy data

2 information further includes an "IN/OUT" type indicating common data of one user interface as

3 a copy destination and, with respect to another user interface, the common data of said another

4 user interface as a copy source when the common data is modified at said one user interface.

1   20.   (Previously presented): Apparatus as claimed in claim 13 wherein the

2 copy data information includes an "OUT" type indicating common data of a user interface as a

3 copy source and an "IN" type indicating common data of a user interface as a copy destination.

1   21.   (Previously presented): Apparatus as claimed in claim 20 wherein the

2 copy data information further includes an "IN/OUT" type indicating a common data of one user

3 interface as a coy destination and, with respect to another user interface, the common data of said

4 another user interface as a copy source when the common data is modified at said one user

5 interface.

1   22.   (Previously presented): A computer program product for use in creating

2 an integrated page, the program executed by processing apparatus connected to a WWW browser

3 and a plurality of application servers via a communication network, the method comprising:

4   preparing an integrated page creation script describing a procedure for creating an

5 integrated page which combines a plurality of pages provided by the plurality of servers, into a

6 single page;

7   upon request from the browser, requesting, according to the integrated page

8 creation script, each of the servers to provide pages for the integrated page;

9   assigning a copy function to each of the pages transferred from the servers to copy

10 common data among them according to information of the integrated page, and creating an

11 integrated page which integrates the pages having copy function into a single page; and

12   transmitting the integrated page to the browser so as to display the integrated page

13 on the browser.